Installation Instructions

Tandem Compressor Operation Kit

Part #ACATCR2N

Description:

The simultaneous operation of two compressors, each with their own CSC, connected to a common operatory supply line, requires the installation of a Tandem Compressor Operation Kit, ACATCR2N. Tandem compressor operation (starting/stopping) is achieved using a common or main pressure switch wired into the low voltage control system on the CSC's.

Plumbing Installation:

1. Install the system pressure switch in the main line going to the operatories as illustrated on page 2.
2. Run the 3/8" flexible hose from each compressor to the tee on the main system pressure switch.
3. Install a piece of 1/4" tubing from the pressure switch to the supplied 1/4" tee manifold.
4. Disconnect the 1/4" tubing on each compressor at the outlet of the coalescing filter and run new 1/4" tubing from each compressor to the check valve sides of the 1/4" tee manifold.

Wiring Installation:

1. Route Red wire from each compressor CSC to the new pressure switch as illustrated on page 2.
2. Remove cover on each pressure switch on the compressors and adjust the pressure setting **clockwise three full** turns minimum so that the only pressure switch operating the system is the main system pressure switch located in the main pressure line supplying the operatories.
3. Route new control wire to remote compressor switch and wire switch as illustrated on page 2.
4. Start compressors via the remote control switch and adjust the system pressure switch to start at 80 PSI and stop at 100 PSI.

Warranty Information: 90 Days

All ADP products are thoroughly inspected and tested in accordance with rigid specifications and standards. Our products are guaranteed against any defective material and workmanship from the date of shipment; provided, that the installation, operation, and maintenance is done in accordance with ADP procedures as outlined in our Installation and Maintenance Guides. Warranty cards must be returned to ADP within ten days of installation to effect warranty. No other warranties or guarantees, expressed or implied are made.

ADP's obligation under the warranty is to provide parts for the repair or, at its option, to provide the replacement product (excluding labor). All special, incidental and/or consequential damages are excluded. We will not issue credit for product without first attempting to correct the problem in the field. Written notice of breach of warranty must be given to ADP within the warranty period. The warranty does not cover damage resulting form improper installation or maintenance, accident or misuse. The warranty does not cover damage resulting from the use of cleaning, disinfecting or sterilizing chemicals and processes. The warranty does not cover vacuum failures due to hard water deposits. Failure to follow instructions provided in ADP's Installation and Maintenance Guides may void the warranty.

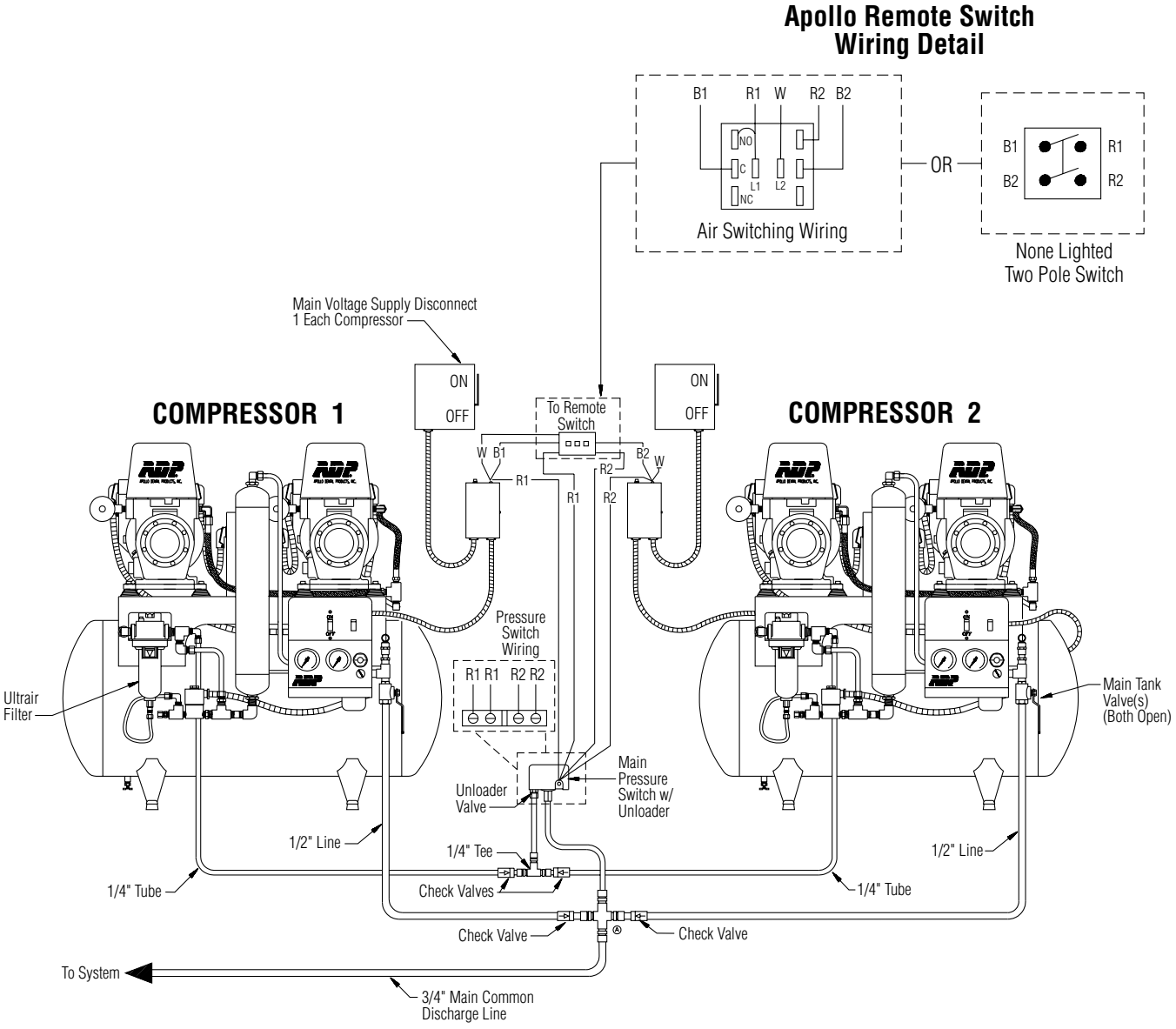
Apollo Dental Products, Inc. • 245 W. Dakota Ave. • Clovis, CA 93612 • Technical Support
559/292-1444 • 800/233-4151 • Fax 559/292-1555 • www.apollodental.com

Apollo Dental Products by MIDMARK®

Installation Instructions

Tandem Compressor Operation Kit

Technical Service - (800) 233-4151



AMI60950 Rev. 5/01